AIV-422
IAD VOIP Gateway

Description:

AIV-422 ADSL2+ Wireless VOIP Router is your ultimate choice of residential high speed Internet connection featuring a built-in ADSL2+ modem and access through Ethernet and wireless, 802.11b/g, media.

Broadband connection for applications such as shared Internet access, file and printer sharing, online games, Internet telephony, streaming audio and video, security systems could be achieved by using the variety of user interface that provides.

AIV-422 ADSL2+ Wireless VOIP Router makes your home network secure with its built-in firewall and enhanced security features. This also provides operators with a reliable and effective gateway opening up for a wide range of broadband services including fast Internet, Voice over IP and IPTV (Triple Play).

Features:

- Addressing higher speed and reach with ADSL2/ADSL2+
- Multi-PVC based ATM Quality of Services
- Integrated Routing and Bridging
- DHCP and NAT to support IP address management
- Stateful inspection, Packet filtering and DoS detection
- WiFi 802.11b/G Access Point embedded
- 4 Port 10/100 Ethernet LAN Switch
- Support standards based SIP
- Friendly Web-based management and diagnostic

Specification:

- **Interface:**

  WAN: Standard RJ11 connector for DSL
  LAN: 4-port 10/100Mbps, MDI/MDIX Auto-sensing (RJ-45)
  USB: 2 port USB host

- **ADSL Standard:**

  ANSI T1.413 Issue 2
  ITU-T G.992.1 Annex A, B (G.dmt)
  ITU-T G.992.3 Annex A, L (ADSL2)
  ITU-T G.992.5 Annex A, L (ADSL2+)
  ITU-T G.994.1 (G.hs)

- **ATM:**

  Support up to 8 PVCs
  ATM cells over AAL5
  Traffic shaping per PVC
  UBR, CBR, VBR-rt, VBR-nrt
  F4/F5 Loopback

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- **Encapsulation:**

  Bridged/Routed Ethernet over ATM (RFC1483/2684)
  IP over ATM (RFC 2684 routed mode)
  Point-to-Point Protocol over Ethernet (RFC 2516)
  Point-to-Point Protocol over ATM (RFC 2364)
  Classical IP over ATM (RFC1577)

- **WLAN Support:**

  IEEE 802.11, 802.11b and 802.11g compliant
  IEEE 802.1d Transparent Bridging and Spanning Tree Protocol Support
  WEP, WPA and WPA2 Wireless Security & Encryption (64-128bit)
  Support Wireless HTTP Access

- **USB Interface:**

  Support USB 2.0 Host/Save mode

- **VOIP Interface:**

  Support 2 port FXS or 1 port FXS
  1 port FXO G.729 ab (SIP & MGCP stacks)

- **Network Features:**

  Bridging
  IEEE 802.1d Transparent Bridging and Spanning Tree Protocol
  Routing
  TCP/IP with RIPv1, RIPv2 and static IP routing
  IGMP Proxy
  IP Services
  Network Address Translation (RFC 1631)
  DHCP Client, Server and Relay
  ALG support(FTP, Talk, IRC, Quake 3, Medal of Honor,..)
  DMZ support
  Port Mapping/Forwarding

- **Security:**

  Firewall with Stateful Packet Filtering
  PAP and CHAP for PPP user authentication
  Multiple IP SEC/L2TP/PPTP pass through
  Support 3DES,HMAC
  Protection against Denial of Service attacks

Technical Specifications	
DC inputs: Power Adapter:	Input: 100-240V AC 50-60Hz Output: 12V DC
Power Consumption:	12 Watts (max)
Operating Temperature:	0 °C to 40 °C
Humidity:	5 to 95% (non-condensing)
Dimensions:	159 mm x 43 mm x 172 mm
Weight:	350 gm (1 lb.)
EMI:	CE Class B FCC Class B
Reliability:	Mean Time Between Failure (MTBF) min. 4 years

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